



ABSTRACT OF THE DISCLOSURE:

A capacitor which has a lower electrode having a structure in which the first conductive layer containing a first metal, a second conductive layer that is formed on the first conductive layer and made of the metal oxide of the second metal different from the first metal, and a third conductive layer that is formed on the second conductive layer and made of a third metal different from the first metal. These layers are formed sequentially. A dielectric layer is formed on the lower electrode, and an upper electrode is formed on the capacitor dielectric layer.